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PTO/SB/21 (09-04)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/911,821
Filing Date	07/24/2001
First Named Inventor	Pang et al.
Art Unit	1631
Examiner Name	Eric S. Dejong
Attorney Docket Number	A33723 (070050.1407)

Total Number of Pages in This Submission

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Baker Botts LLP	Customer No.	21003
Signature			
Printed name	Chang Sik Kim		
Date	10/24/2005	Reg. No.	L0050

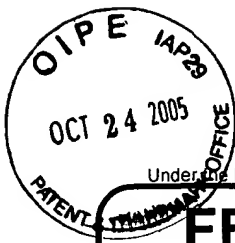
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Typed or printed name	Chang Sik Kim	Date	10/24/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180

## Complete if Known

Application Number	09/911,821
Filing Date	07/24/2001
First Named Inventor	Pang et al.
Examiner Name	Eric S. Dejong
Art Unit	1631
Attorney Docket No.	A33723 (070050.1407)

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
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02-4377

Baker Botts L.L.P.

The Director is authorized to: (check all that apply)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee	Fee Code	Fee		
1001		2001		Utility filing fee	
1002		2002		Design filing fee	
1003		2003		Plant filing fee	
1004		2004		Reissue filing fee	
1005		2005		Provisional filing fee	
SUBTOTAL (1)				(\$ 0	

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid
Independent Claims	Multiple Dependent	-20 =	-3 =	X	X	
						0
						0
						0

Large Entity		Small Entity		Fee Description
Fee Code	Fee	Fee Code	Fee	
1202		2202		Claims in excess of 20
1201		2201		Independent claims in excess of 3
1203		2203		Multiple dependent claim, if not paid
1204		2204		** Reissue independent claims over original patent
1205		2205		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee Code	Fee Description	Fee Paid
1051	2051	Surcharge - late filing fee or oath	
1052	2052	Surcharge - late provisional filing fee or cover sheet	
1053	1053	Non-English specification	
1812	1812	For filing a request for <i>ex parte</i> reexamination	
1804	1804	Requesting publication of SIR prior to Examiner action	
1805	1805	Requesting publication of SIR after Examiner action	
1251	2251	Extension for reply within first month	
1252	2252	Extension for reply within second month	
1253	2253	Extension for reply within third month	
1254	2254	Extension for reply within fourth month	
1255	2255	Extension for reply within fifth month	
1401	2401	Notice of Appeal	
1402	2402	Filing a brief in support of an appeal	
1403	2403	Request for oral hearing	
1451	1451	Petition to institute a public use proceeding	
1452	2452	Petition to revive - unavoidable	
1453	2453	Petition to revive - unintentional	
1501	2501	Utility issue fee (or reissue)	
1502	2502	Design issue fee	
1503	2503	Plant issue fee	
1460	1460	Petitions to the Commissioner	
1807	1807	Processing fee under 37 CFR 1.17(q)	
1806	1806	Submission of Information Disclosure Stmt	180
8021	8021	Recording each patent assignment per property (times number of properties)	
1809	2809	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	2810	For each additional invention to be examined (37 CFR 1.129(b))	
1801	2801	Request for Continued Examination (RCE)	
1802	1802	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180

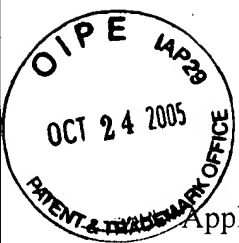
## SUBMITTED BY

(Complete (if applicable))

Name (Print/Type)	Chang Sik Kim	Registration No. (Attorney/Agent)	L0050	Telephone	212-408-2500
Signature		Date	10/24/2005		

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PATENT

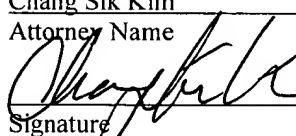
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Pang et al. Customer No.: 21003  
Serial No. : 09/911,821 Examiner : Eric S. Dejong  
Filed : 07/24/2001 Group Art Unit: 1631  
For : Computational Method For Predicting Intramolecular and Intermolecular  
Biopolymer Interactions

**INFORMATION DISCLOSURE STATEMENT**

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 21, 2005  
Date of Deposit

Chang Sik Kim  
Attorney Name  
  
Signature

L0050  
Patent Reg. No.

October 21, 2005  
Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), applicants bring to the attention of the Examiner the document listed on the attached corrected Form PTO 1449 and respectfully request that the listed document be considered by the Examiner and made of record in the above-captioned application. Copies of all of the documents listed on the attached Form PTO 1449 are enclosed herewith.

10/25/2005 HLE333 00000102 09911821

01 FC:1806

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NY02:525977.1

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

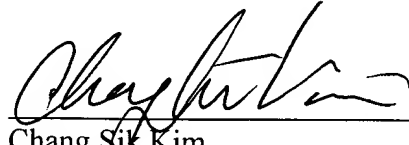
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

The Examiner indicated that the corrected Information Disclosure Statement would be treated as being submitted after the mailing of a First Office Action. Therefore, applicants have enclosed the required fee. If any additional fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 02-4377.

Respectfully submitted,

BAKER BOTTS L.L.P.

By:

  
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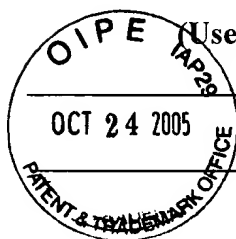
**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

Applicant  
Pang et al.

Filing Date  
July 24, 2001

Group Art Unit  
1631



**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

		Akmaev <i>et al.</i> , "Phylogenetically enhanced statistical tools for RNA structure prediction," 2000, <i>Bioinformatics</i> 16: 501-512.
		Baker, 2000, "A suprising simplicity to protein folding," <i>Nature</i> 405:39-42.
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		Phillips <i>et al.</i> , 2000, "Multiple Sequence Alignment in Phylogenetic Analysis," <i>Mol Phylogenet Evol.</i> 16: 317-330.
		Sanchez <i>et al.</i> , "Protein Structure Modeling for Structural Genomics," 2000, <i>Nature Structural Biology</i> Nov. 2000, Suppl. 986-990.
		Shi and Moore, "The crystal structure of yeast phenylalanine tRNA at 1.93 Angstrom resolution: A classic structure revisited," <i>RNA</i> 2000 Aug 6(8) 1091-105.
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		Olmea <i>et al.</i> , "Effective Use of Sequence Correlation and Conservation in Fold Recognition," 1999, <i>J. Mol. Biol.</i> 293: 1221-1239.
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NY02:525956.1

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

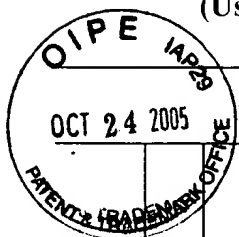
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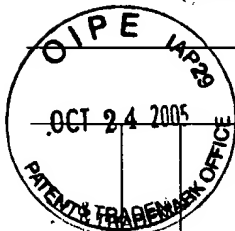
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Cramer, 1946, *Mathematical Methods of Statistics*, Princeton University Press, Princeton, p416-452.